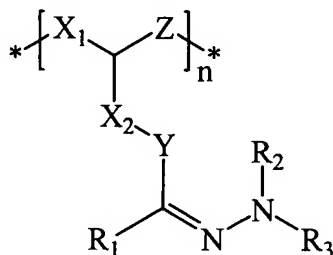


ABSTRACT

An improved organophotoreceptor comprises an electrically conductive substrate and a photoconductive element on the electrically conductive substrate, the photoconductive element comprising:

(a) a charge transport material comprising a polymer having the formula



where X_1 and X_2 are, each independently, a bond or a linking group;

Y comprises a bond or an arylamine group;

Z comprises a bond, O, S, or NR_4 ;

R_1 and R_4 comprise, each independently, H, an alkyl group, an alkenyl group, an alkynyl group, an aromatic group, or a heterocyclic group;

R_2 and R_3 comprise, each independently, an alkyl group, an alkenyl group, an alkynyl group, an aromatic group, or a heterocyclic group; and

n is a distribution of integers between 1 and 100,000 with an average value of greater than one; and

(b) a charge generating compound.

Corresponding electrophotographic apparatuses, imaging methods, and methods of forming the charge transport material are described.